





APPLICATION NO		FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/757,807		01/10/2001	Nobuhiro Komata	SCEI 17.998	7356
26304	7590	03/11/2004		EXAMINER	
KATTEN 575 MADI		N ZAVIS ROS	ARNOLD, ADAM		
NEW YOR		10022-2585	ART UNIT	PAPER NUMBER	
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				DATE MAIL ED: 03/11/200/	. [

Please find below and/or attached an Office communication concerning this application or proceeding.

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	Application No.	Applicant(s)					
Office Action Cummons	09/757,807	KOMATA, NOBUHIRO					
Office Action Summary	Examiner	Art Unit					
	Adam Arnold	2671					
The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply							
A SHORTENED STATUTORY PERIOD FOR REPL THE MAILING DATE OF THIS COMMUNICATION.  - Extensions of time may be available under the provisions of 37 CFR 1.1 after SIX (6) MONTHS from the mailing date of this communication.  - If the period for reply specified above is less than thirty (30) days, a repl - If NO period for reply is specified above, the maximum statutory period - Failure to reply within the set or extended period for reply will, by statute Any reply received by the Office later than three months after the mailin earned patent term adjustment. See 37 CFR 1.704(b).	136(a). In no event, however, may a reply be till ly within the statutory minimum of thirty (30) day will apply and will expire SIX (6) MONTHS from e, cause the application to become ABANDONE.	mely filed ys will be considered timely. n the mailing date of this communication. ED (35 U.S.C. § 133).					
Status							
1) Responsive to communication(s) filed on 26 E	December 2003.						
2a) This action is <b>FINAL</b> . 2b) ⊠ This	This action is <b>FINAL</b> . 2b)⊠ This action is non-final.						
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closed in accordance with the practice under i	closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.						
Disposition of Claims							
4) ⊠ Claim(s) 1,2,4,5,7-10,12 and 13 is/are pending 4a) Of the above claim(s) is/are withdra 5) □ Claim(s) is/are allowed. 6) ⊠ Claim(s) 1,2,4,5,7-10,12 and 13 is/are rejected 7) □ Claim(s) is/are objected to. 8) □ Claim(s) are subject to restriction and/or and/or are subject.	wn from consideration.						
Application Papers							
9) The specification is objected to by the Examina 10) The drawing(s) filed on is/are: a) accomposed and accomposed and applicant may not request that any objection to the Replacement drawing sheet(s) including the correct of the oath or declaration is objected to by the Examination.	cepted or b) objected to by the drawing(s) be held in abeyance. Section is required if the drawing(s) is o	ee 37 CFR 1.85(a). bjected to. See 37 CFR 1.121(d).					
Priority under 35 U.S.C. § 119							
12) Acknowledgment is made of a claim for foreign a) All b) Some * c) None of:  1. Certified copies of the priority document 2. Certified copies of the priority document 3. Copies of the certified copies of the priority document application from the International Bureat * See the attached detailed Office action for a list	nts have been received. Its have been received in Applica Drity documents have been received (PCT Rule 17.2(a)).	tion No ved in this National Stage					
Attachment(s)							
1) Notice of References Cited (PTO-892)  4) Interview Summary (PTO-413)  Paper No(s)/Mail Date							
<ul> <li>2) Notice of Draftsperson's Patent Drawing Review (PTO-948)</li> <li>3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08 Paper No(s)/Mail Date</li> </ul>	<del>-</del>	Patent Application (PTO-152)					

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## **DETAILED ACTION**

The examiner acknowledges the receipt and entry of the applicant's amendment.

## Claim Rejections - 35 USC § 103

- 1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:
  - (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.
- 2. Claims 1, 2, 4, 5, 7-10, 12 and 13 are rejected under 35 U.S.C. 103(a) as being unpatentable over Lien, U.S. Patent No. 4,245,405, in view of Armstrong, U.S. Patent No. 5,999,084. Referring to claim 1, Lien discloses a recording medium on which are recorded computer-readable and executable software programs that perform processing (col. 6, lines 5-9 and col. 8, line 50) that performs processing by taking as commands an output from a controller (col. 6, line 20) which has a variable output pressure sensing means (col. 4, line 45), where the processing programs display messages on a screen of a computer (col. 2, line 7) in accordance with the output of the controller (col. 3, lines 22-23); where each message comprises a predefined sentence having a plurality of sentence components (col. 2, lines 10-12), each component sequentially displayed on the screen (col. 2, line 34) in pre-defined order (col. 1, lines 52-53—this is disclosed in the Summary, although the invention teaches towards random display); and where an output value obtained from the variable output pressure sensing means determines the sequential rate at which sentence components are sequentially displayed (col. 2, lines 28-31). Lien does not disclose where the magnitude of an output value determines the sequential rate of

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the displayed sentence components. Armstrong discloses the ability to variably increase and reduce the sensor output dependent on the pressure exerted by the user in order to move faster or slower on a display (col. 3, lines 1-6). At the time the invention was made it would have been obvious to a person of ordinary skill in the art to determine the sequential rate at which sentence components are displayed based on the magnitude of an output value. One of ordinary skill in the art would have been motivated to do this to provide the user with proportional or analog control (see col. 2, line 10 of Armstrong).

Referring to claim 2, Lien does not disclose where the sentence components are sequentially displayed on a screen in accordance with a rate of change per unit time of an output value of variable output controller pressure sensing means. Armstrong discloses where the compressive force on a variable conductance material (col. 10, lines 53-59) causes objects to move faster or slower on the screen as shown above. In accordance with Newton's second law of motion, the change in velocity with which an object moves is directly proportional to the magnitude of force applied to the object. Therefore, the rationale applied to claim 1 above applies equally to this claim.

Referring to claim 4, Lien further discloses detecting an operation pressure of a user on the controller (col. 5, lines 63-64), generating a variable pressure sensing output value (col. 6, line 2) and generating the message components until the message is displayed (col. 2, lines 28-35).

Referring to claim 5, the remarks presented above with respect to claim 2 apply equally to this claim.

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Referring to claim 7, Lien does not disclose where the number of displays is determined in accordance with pressure output values in a correspondence table. At the time the invention was made it would have been obvious to a person of ordinary skill in the art to utilize a correspondence table to determine the output value. One of ordinary skill in the art would have been motivated to do this because data tables (e.g. databases) are frequently used for storing, retrieving and processing data.

Referring to claim 8, Lien discloses where message components are sequentially displayed in accordance with a rate of change between a previous pressure sensing value and a current pressure sensing value (col. 13, lines 1-6).

Referring to claim 9, the remarks presented above with respect to claim 4 apply equally to this claim.

Referring to claim 10, the remarks presented above with respect to claim 5 apply equally to this claim.

Referring to claim 12, the remarks presented above with respect to claim 7 apply equally to this claim.

Referring to claim 13, the remarks presented above with respect to claim 8 apply equally to this claim.

## Response to Arguments

3. Applicant's response with respect to the objection to the claim language has been fully considered and is persuasive. The objection has been withdrawn.

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4. Applicant's arguments with respect to claims 1, 2, 4, 5, 7-10, 12 and 13 have been

considered but are moot in view of the new ground(s) of rejection.

Conclusion

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Adam Arnold whose telephone number is 703-305-8413. The

examiner can normally be reached Monday-Thursday and alternate Fridays between 7:00 AM

and 4:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Mark Zimmerman, can be reached at (703) 305-9798.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231

or faxed to:

(703) 872-9314 (for Technology Center 2600 only)

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal

Drive, Arlington, VA, Sixth Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application or

proceeding should be directed to the Technology Center 2600 Customer Service Office

whose telephone number is (703) 306-0377.

MARK ZIMMERMAN SUPERVISORY PATENT EXAMINER

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